

Title (en)  
VEHICLE CONTROL APPARATUS

Title (de)  
FAHRZEUGSTEUERUNGSVORRICHTUNG

Title (fr)  
APPAREIL DE COMMANDE DE VÉHICULE

Publication  
**EP 3527449 A1 20190821 (EN)**

Application  
**EP 17860259 A 20171010**

Priority  
• JP 2016201773 A 20161013  
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Abstract (en)  
A vehicle control apparatus for controlling traveling of an own vehicle is disclosed, the apparatus including: a vehicle detector that detects a first target vehicle traveling on an adjacent lane adjacent to a driving lane on which the own vehicle is traveling in a same direction as the own vehicle, and detects a first own vehicle distance between the first target vehicle and the own vehicle; a calculator that calculates a relative speed of the own vehicle to the first target vehicle, based on a change in the first own vehicle distance; a curve setting portion that virtually sets, when the first target vehicle traveling on the adjacent lane is detected on a side of the own vehicle or behind the own vehicle, a first curve representing a lower limit relative speed determined in association with a distance from the first target vehicle, at a position ahead of the first target vehicle; and a vehicle controller that causes the own vehicle to travel at a relative speed not lower than a relative speed to the first target vehicle, which is determined by the first curve depending on the first own vehicle distance, when the own vehicle changes from the driving lane to the adjacent lane at a position ahead of the first target vehicle.

IPC 8 full level  
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